



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Sapthagiri College of Engineering,
14/5, Chickasandra,
Hesaraghatta Main Road,
Bengaluru - 560 057.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019

Project Proposal Reference No. : 42S_BE_2339

Ref : Your Project Proposal entitled " **POWER GENERATION BY ENGINE EXHAUST GAS FOR AIR BRAKE SYSTEM**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Kushal S and others	Budget	Amount (Rs)
		Materials/Consumables	6,000.00
Guide/s	Mr. Padmanabha G	Labor	-
		Travel	-
Department	Mechanical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	7,000.00
SEVEN THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :

- Title of the project
- Name of the College & Department
- Name of the students & Guide(s)
- Keywords

Principal
Sapthagiri College of Engineering
14/5, Chickasandra, Hesaraghatta Main Road
Bengaluru - 560 057

RAVISHANKARA.M.N
14/08/2019

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: <http://www.kscst.iisc.ernet.in/spp.html> || Email: spp@kscst.iisc.ernet.in || Phone: 080-23600978

42nd Series of Student Project Programme: 2018-19

List of Projects Sanctioned Under Stream C

105. SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	DEGREE	NAME OF THE GUIDE	NAME OF THE TEAM LEADER	TOTAL (in Rs.)
1.	42S_BE_0279	AGROBOT	ELECTRICAL AND ELECTRONICS ENGINEERING	BE	Mr. A.DHAMODARAN	Ms. ANUSHA B	7500.00
2.	42S_BE_1589	DESIGN AND FABRICATION OF ARTICULATED 3D PRINTER	MECHANICAL ENGINEERING	BE	Mr. ULLAS C S	Mr. CHETAN GOWDA H S	8000.00
3.	42S_BE_2339	POWER GENERATION BY ENGINE EXHAUST GAS FOR AIR BRAKE SYSTEM	MECHANICAL ENGINEERING	BE	Mr. PADMANABHA G	Mr. KUSHAL S	7000.00
4.	42S_BE_3333	ANTI-KRAIT VENOM ACTIVITY OF FOLK MEDICINAL PLANTS	BIOTECHNOLOGY	BE	Dr. VEENA S MORE	Ms. SAHANA N M	6500.00

Note:

1. The sanctioned amount will be sent by KSCST to the College by crossed Cheque in the name of the Principal.
2. The evaluation of above projects will be conducted in the Nodal Centre in the month of May / June 2019. During nodal centre evaluation projects will be selected for state level Seminar & Exhibition which will be conducted in the month of July / August 2019.
3. After completion of the projects, the hard copy of the report and soft in .pdf format needs to be sent to KSCST without fail.

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

Principal


KSCST - 42nd Series of Student Project Programme - Stream C - List of Projects Sanctioned : 2018 - 2019

SCE-2016-17

Payment Voucher

No. : 1074

Dated : 7-Sep-2019

Particulars	Amount
Account : KSCST(Project Work)	7,000.00

Through :

SBI- 30263521464

On Account of :

Being funds released towards completion of project work (amount received rom KSCST)

Bank Transaction Details:

KUSHAL.S

Cheque

499737

7-Sep-2019

7,000.00

Amount (in words) :

INR Seven Thousand Only

₹ 7,000.00



Receiver's Signature:

(15G15ME067)





Authorised Signatory



Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

From,

Date 10/8/19
Bangalore.

Kushal S (9845 719252)

Manjunath M (9591809049)

Pratheek S

Raghavashunya. M

M.E. Dept

SCF, Bangalore.

To,

The Principal.

Sapthagiri College of Engineering
Bangalore

Respected Sir,

the release of

Subject: Request for KSCST Sanctioned Amount
for the project.

Our project has been sponsored by KSCST for an Amount of ₹ 7,000/- under 42nd series of student project programme by KSCST. The project has been successfully completed and project report has been submitted to KSCST SPP coordinator along with CD. In regard we request you to release the amount received for our project from KSCST.

Thanking you,

Yours obediently



(Kushal S)


HOD-ME




10/08/2019

project report
and CD is
received
RAVISHANKAR M.M
SPP Coordinator

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hosaraghatta Main Road
Bengaluru - 560 057





xtreme computer
EDUCATION

2/E, 2nd Floor, 14th Main Road
Vijayanagar, Bangalore - 40
PH : 080 - 40924989

RECEIPT / BILL

No. 037

Bill No: B161

Date: 10/5/19

Mr. Mr.

Mangurath

Paid Rs.

Eight thousand only

towards

Project

Project Consultation

by Cash / Cheque / D.D.

Rs. 8000

Cash
Hasephsim

Authorised Signatory

Amount Paid Shall Not Be Refunded

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057



2/E, 2nd Floor, 14th Main Road
Vijayanagar, Bangalore - 40
Ph : 080 - 40924989, 9945421355

RECEIPT / BILL

No. 303

Date: 20/3/19.

Batch No.

B167

Mr/Ms

MANJUNATH

Paid Rs.

6000/-

Towards

B.E. MECH. SAPTA GIFT 6000/- Project Consultation

by Cash / Cheque / D.D.

9591809049.

7259755061

Rs.

6000/-

Authorised Signatory

Amount Paid Shall Not Be Refunded

Principal
Sapthagiri College of Engineering
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42nd Series of Student Project Programme: 2018-19

List of Projects Sanctioned Under Stream C


105. SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	DEGREE	NAME OF THE GUIDE	NAME OF THE TEAM LEADER	TOTAL (in Rs.)
✓ 1.	42S_BE_0279	AGROBOT	ELECTRICAL AND ELECTRONICS ENGINEERING	BE	Mr. ADHAMODARAN	Ms. ANUSHA B	7500.00
2.	42S_BE_1589	DESIGN AND FABRICATION OF ARTICULATED 3D PRINTER	MECHANICAL ENGINEERING	BE	Mr. ULLAS C S	Mr. CHETAN GOWDA H S	8000.00
3.	42S_BE_2339	POWER GENERATION BY ENGINE EXHAUST GAS FOR AIR BRAKE SYSTEM	MECHANICAL ENGINEERING	BE	Mr. PADMANABHA G	Mr. KUSHAL S ✓	7000.00 ✓
4.	42S_BE_3333	ANTI-KRAIT VENOM ACTIVITY OF FOLK MEDICINAL PLANTS	BIOTECHNOLOGY	BE	Dr. VEENA S MORE	Ms. SAHANA N M	6500.00

29000

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3. After completion of the projects, the hard copy of the report and soft in .pdf format needs to be sent to KSCST without fail.


RAVISHANKARA


Principal
Sapthagiri College of Engineering
145, Chikkasandra, Hosanghatta Main Road
Bengaluru - 560 057


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Account Statement for the period 4/5/2019 to 4/5/2019

Account Number	00000030263521464	Description	CA-GEN-PUB OTH-NONRURAL- INR
Name	SAPTHAGIRI COLLEGE OF ENGINEERING	Currency	INR
Corporate Address	no.14/5,chikkasandra, hessaraghatta main road Bangalore, Karnataka - 560057	Branch	HESARGATTA ROAD, BANGALORE (10499)
Rate of Interest (% p.a.)	16.7%	IFS Code	SBIN0010499
Book Balance	13,90,273.28	Available Balance	13,90,273.28
Hold Value	0.00	Uncleared Amount	0.00
Balance as on	9,52,585.23		

Date (Value Date)	Narration	Ref / Cheque No.	Branch Code	Debit	Credit	Balance
04-May-19 (04-May-2019)	TO CLEARING CAB AISHWARAYAS 727363	727363	40743	17,170.00		9,35,415.23
04-May-19 (04-May-2019)	BY TRANSFER NEFT*CNRB0000683*P19050409544439*KARNATAKA STATE C	TRANSFER FROM 3199678044303 /	4430		8,000.00	9,43,415.23
04-May-19 (04-May-2019)	BY TRANSFER NEFT*CNRB0000683*P19050409544528*KARNATAKA STATE C	TRANSFER FROM 3199675044306 /	4430		29,000.00	9,72,415.23
04-May-19 (04-May-2019)	CASH DEPOSIT CASH DEPOSIT SELF		10499		8,880.00	9,81,295.23
04-May-19 (04-May-2019)	CHEQUE WDL WITHDRAWAL TRANSFER BY CHEQUE 727728	TRANSFER FROM 54003362309 / 727728	10499	4,240.00		9,77,055.23

**This is a computer generated statement and does not require a signature.

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GE - 7500 ✓ Paid.
 NE - 8000 ✓ Paid
 NE - 7000 ✓
 BT - 6500 ✓ Paid
29000


 Principal
 Sapthagiri College of Engineering
 14/5, Chikkasandra, Hesaraghatta Main Road
 Bengaluru - 560 057

KSCST PROJECTS

UTILIZATION CERTIFICATE

KSCST Student project program 42nd series- 2018-19

Sl No	Title of the project	Amount	<p>Certified that KSCST has provided partial financial support of RS42500/- towards Biofuel and SPP student project program 42nd series</p> <p>Sum of Rs42500/- only has been utilize for the purpose Biofuel and SPP student project program for which it was sanction</p>
1	AGROBOT	7500/-	
2	Development of Energy Management System (EMS) for Solar Photovoltaic Power Plants to Supply Power for Cottage Industries without using Battery Bank	8000/-	
3	Design and Fabrication of Articulated 3D Printer	8000/-	
4	Power generation by engine exhaust gas for air brake	7000/-	
5	Anti-Krait venom activity of folk medical plants.	6500/-	
6	Bio plastic Extraction from waste grease produce in industries using as Glycerol as a substrate.	5500/-	

Certified that I have satisfied myself that condition on which the grant in aid sanctioned has been duly/are be fulfilled and that I have excise the following check to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of check exercised

1. Cash book
2. Vouchers

[Signature]
Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bangalore - 560 057

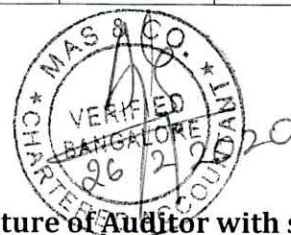
[Signature]
Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bangalore - 560 057

Sl. No	Project proposal ref no	Title of the project	Dept./Guide	Amount Sanction by KSCST	Amount utilized by the college	Balance if any to be refunded to KSCST
1	42S_BE_0279	AGROBOT	EEE/ Mr.Dhamodaran	7500/-	7500/-	0
2	42S_BE_1473	Development of Energy Management System (EMS) for Solar Photovoltaic Power Plants to Supply Power for Cottage Industries without using Battery Bank	EEE/ Mrs. Rekha S N	8000/-	8000/-	0
3	42S_BE_1589	Design and Fabrication of Articulated 3D Printer	ME/ Mr. Ullas CS	8000/-	8000/-	0
4	42S_BE_2339	Power generation by engine exhaust gas for air brake	ME/ Mr. Padmanabha	7000/-	7000/-	0
5	42S_BE_3333	Anti-Krait venom activity of flok medical plants.	BT/ Dr. Veena S More	6500/-	6500/-	0
6	42S_B_BE_003	Bio plastic Extraction from waste grease produce in industries using as Glycerol as a substrate.	BT /Mr.prashanth kumar HP/ Ms. Shobha G	5500/-	5500/-	0

Signature of the Principal with seal

Signature of Auditor with seal

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
Bangalore-560 057



Date:

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
Bangalore-560 057